

Method and Apparatus for Photosensitized Ultraviolet
Decontamination of Surfaces and Aerosol Clouds
Inventor: Jeffry Golden
42173-010103CO1US
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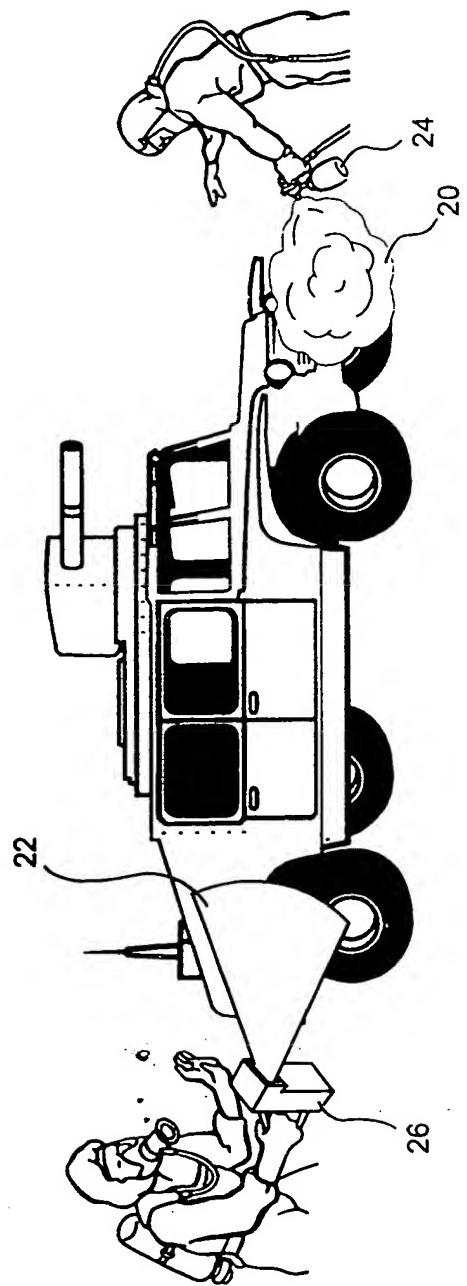


Fig. 1

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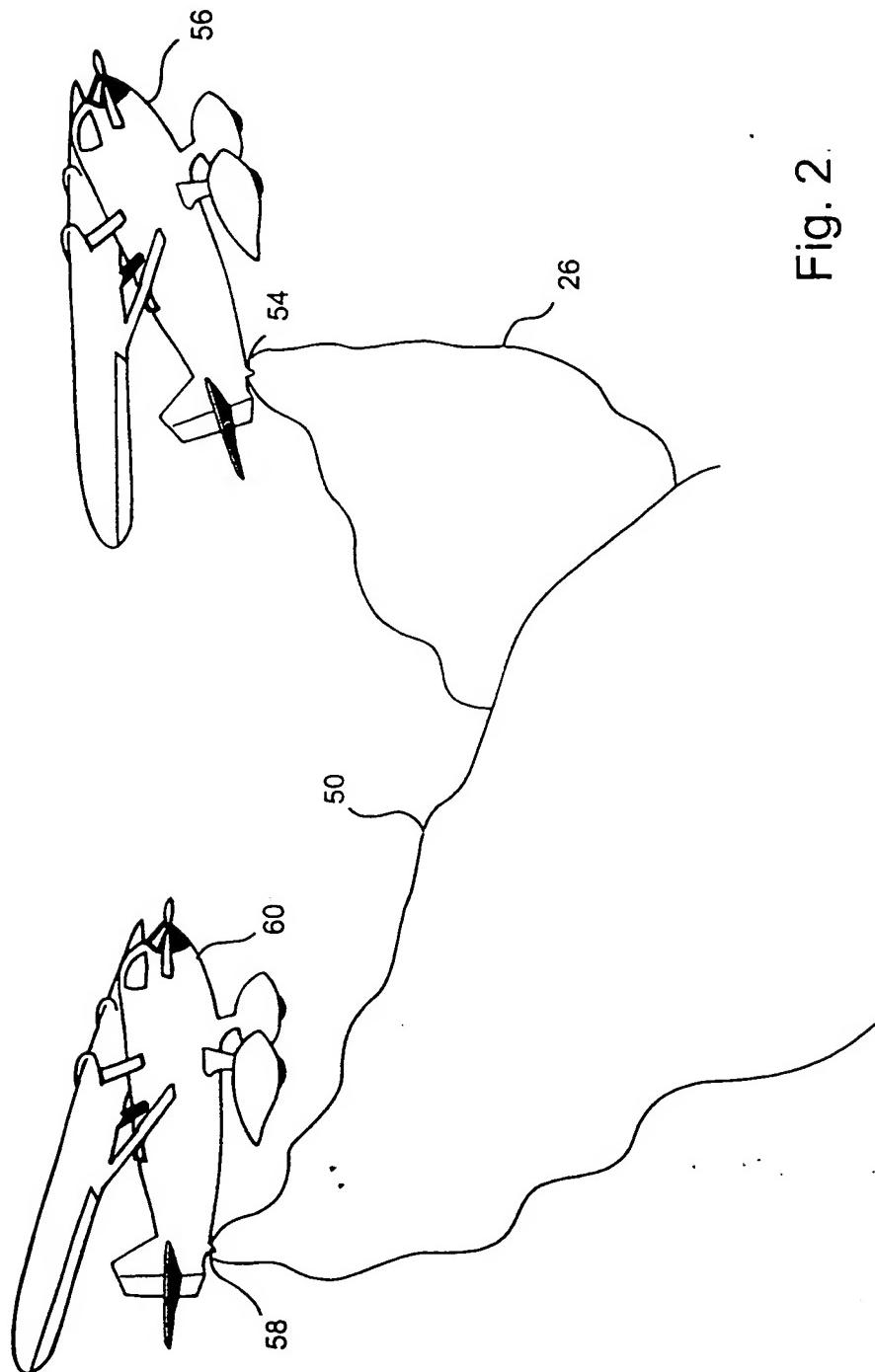


Fig. 2.

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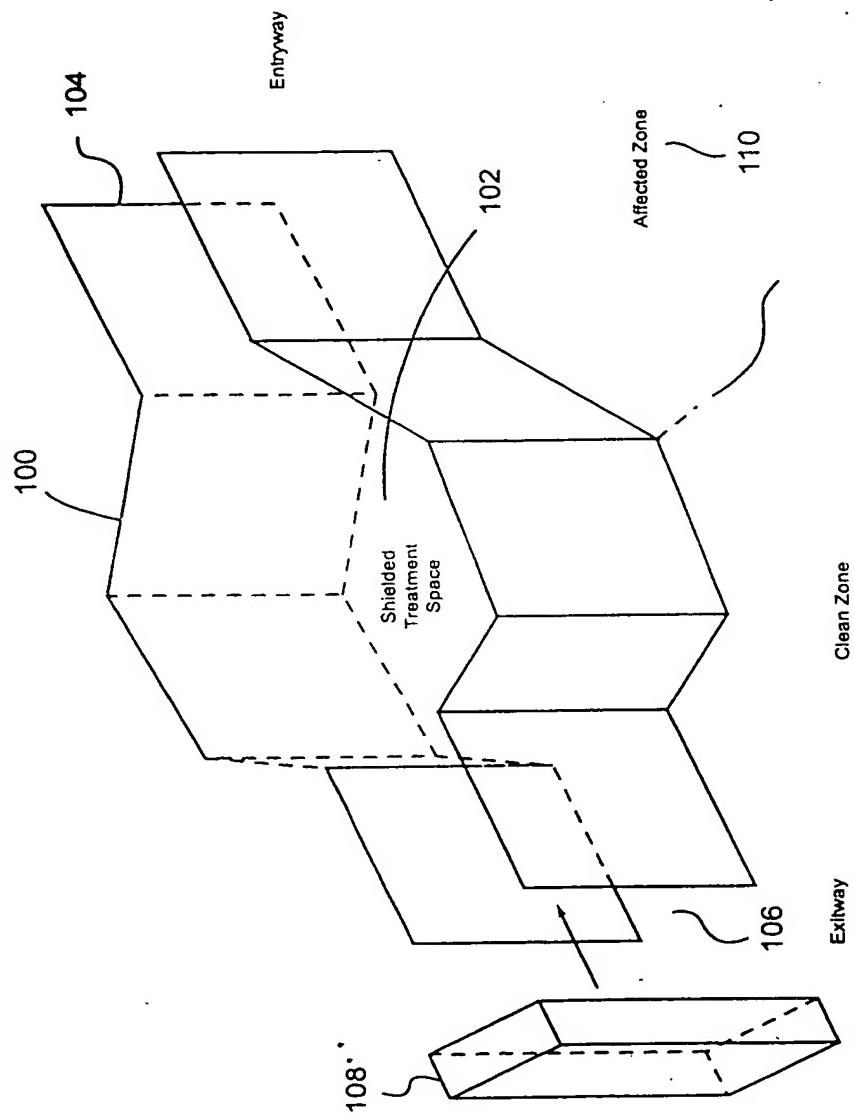


Fig. 3

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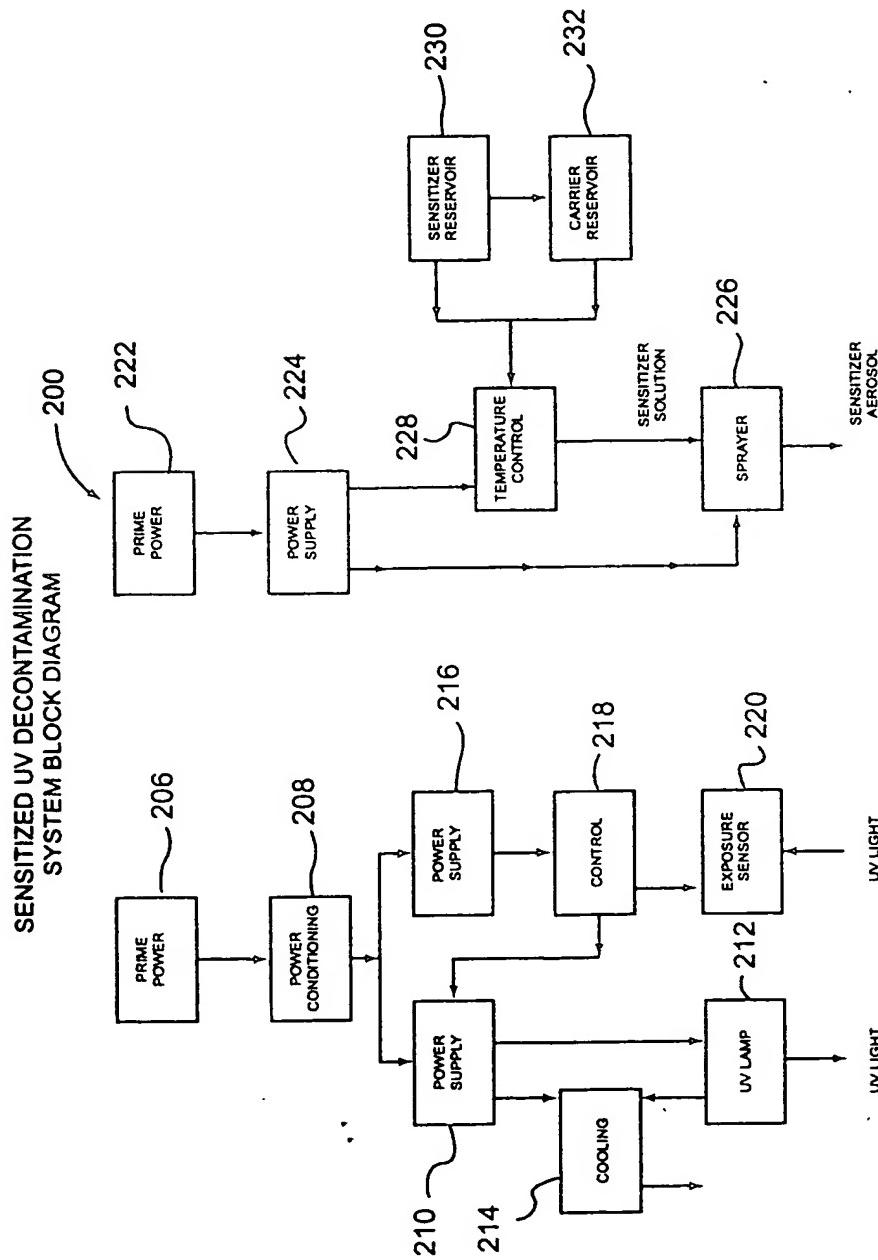


Fig. 4

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SENSITIZED UV DECONTAMINATION
SYSTEM BLOCK DIAGRAM

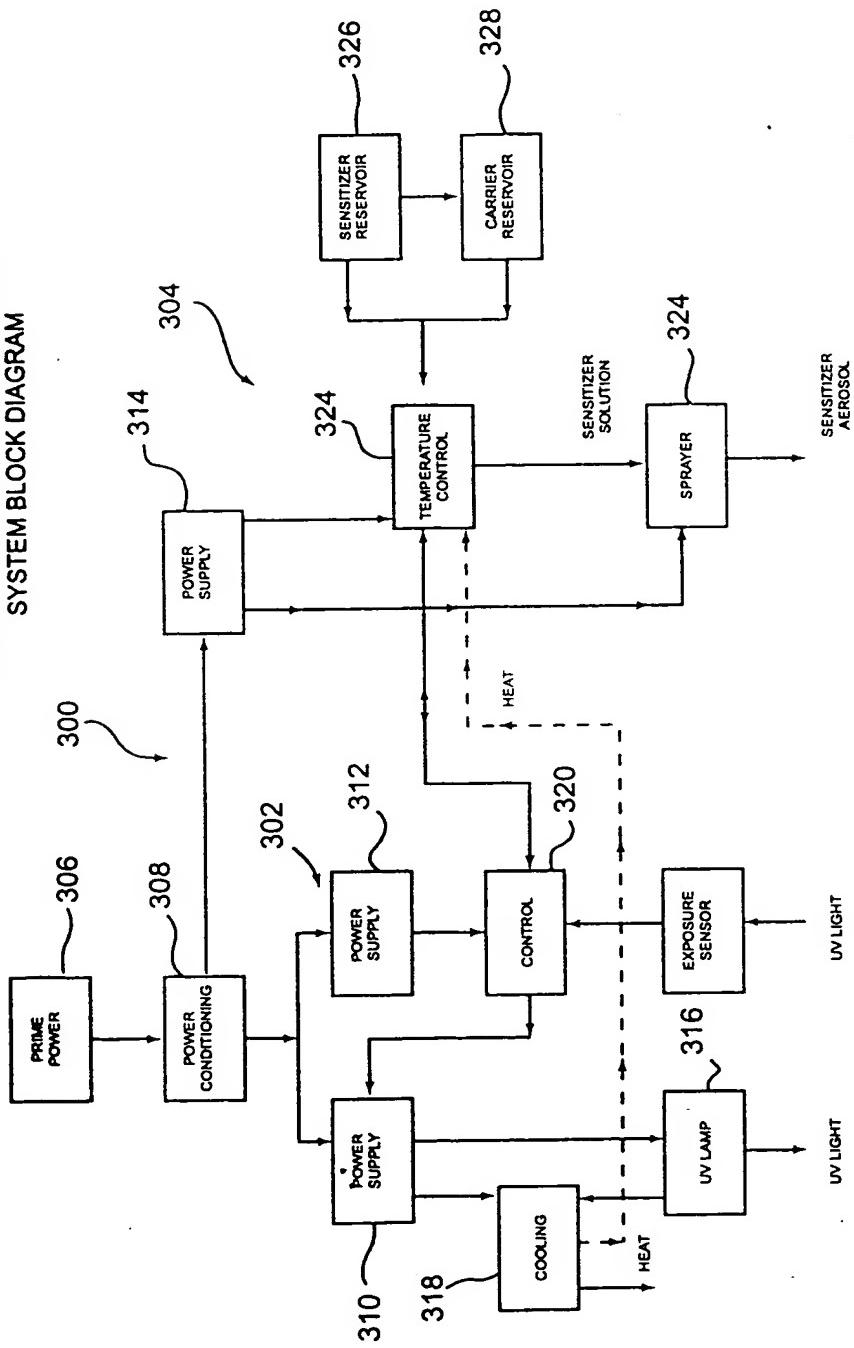


Fig. 5

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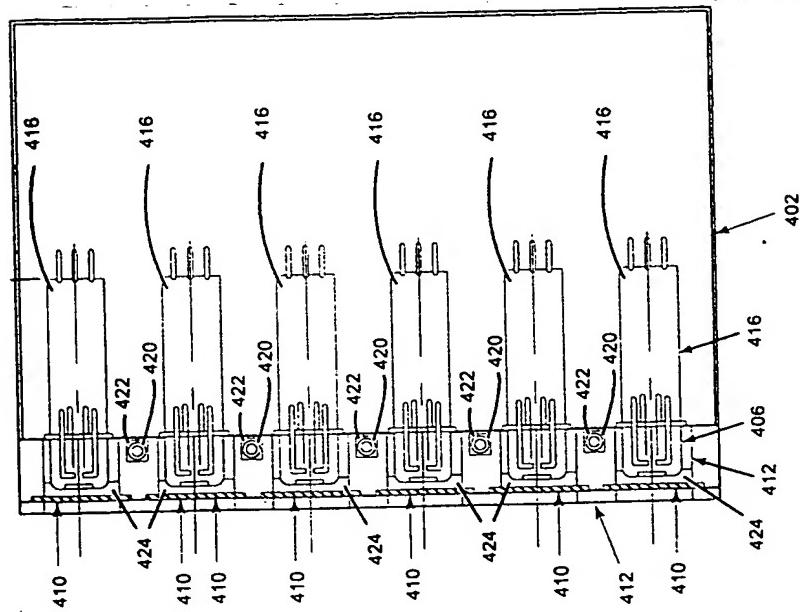


Fig. 6B

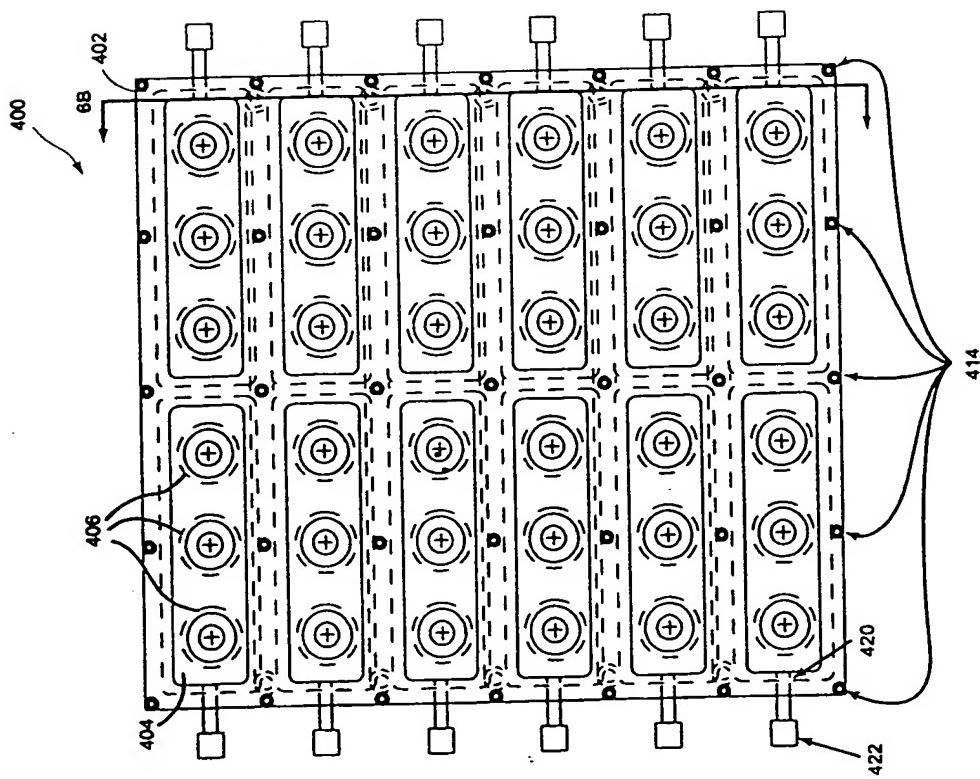


Fig. 6A

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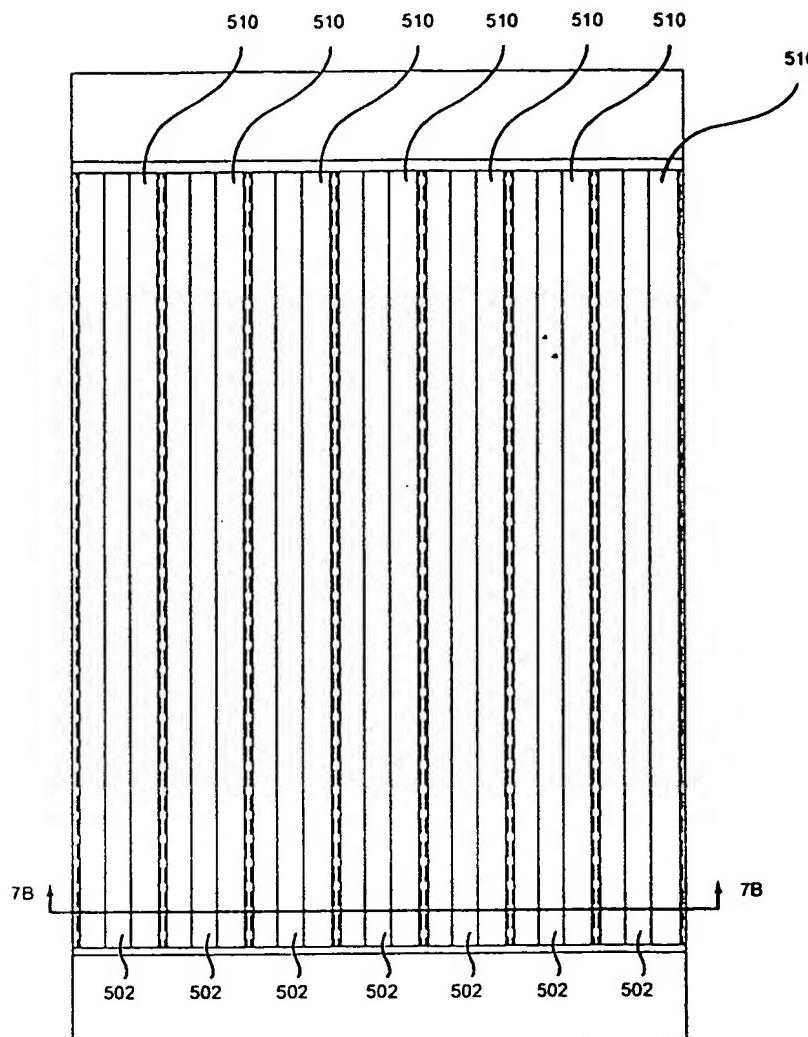


Fig. 7A

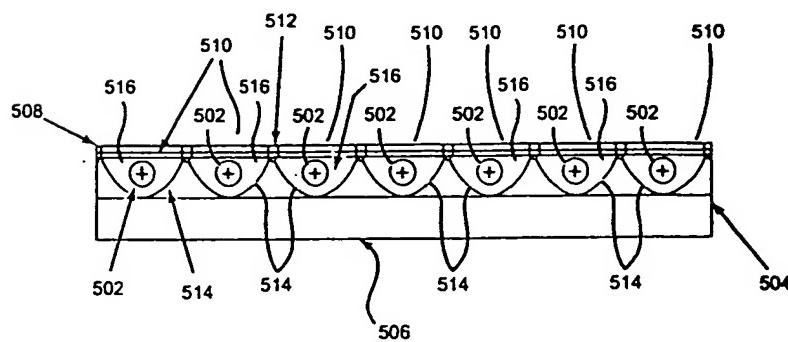


Fig. 7B

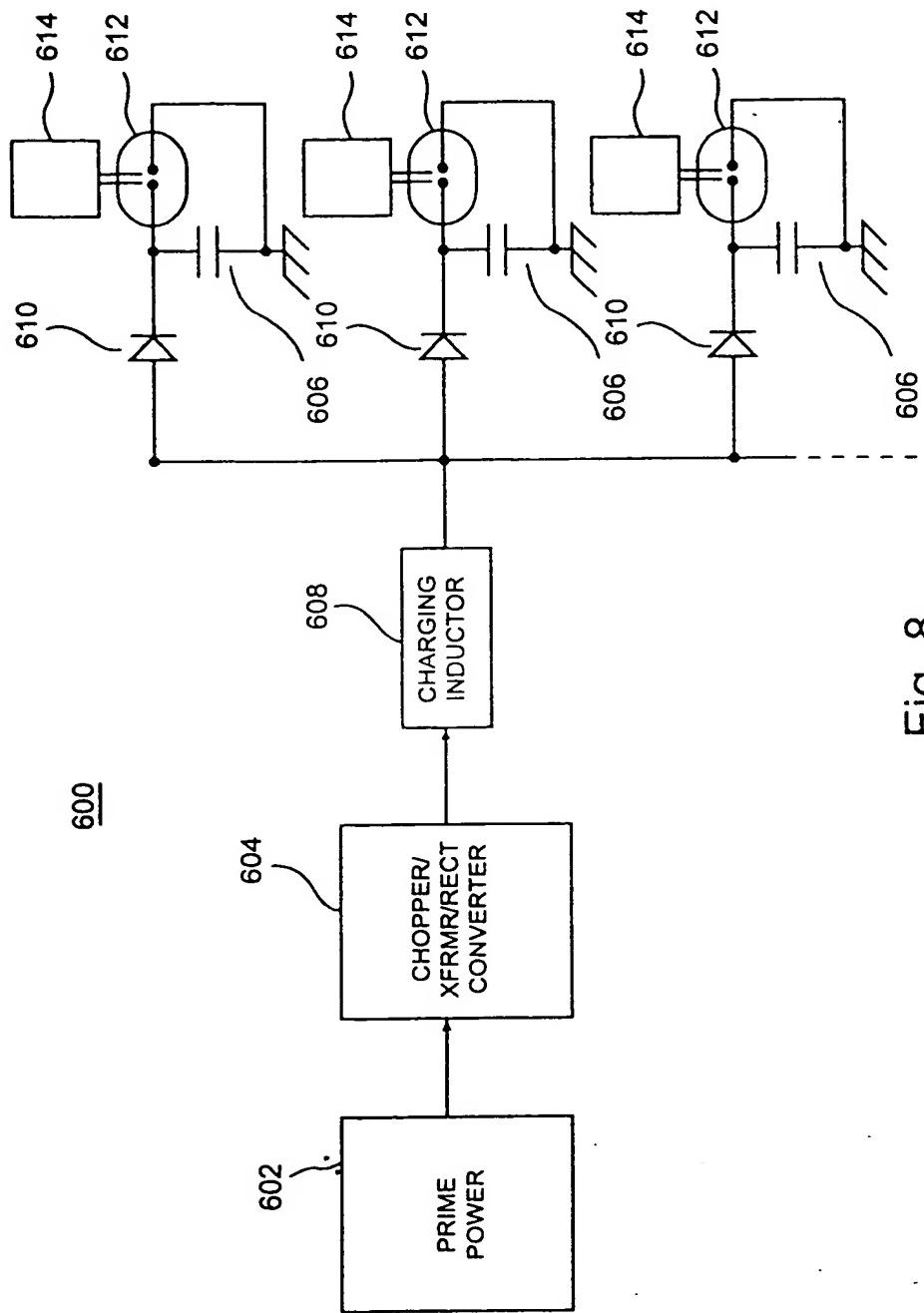


Fig. 8

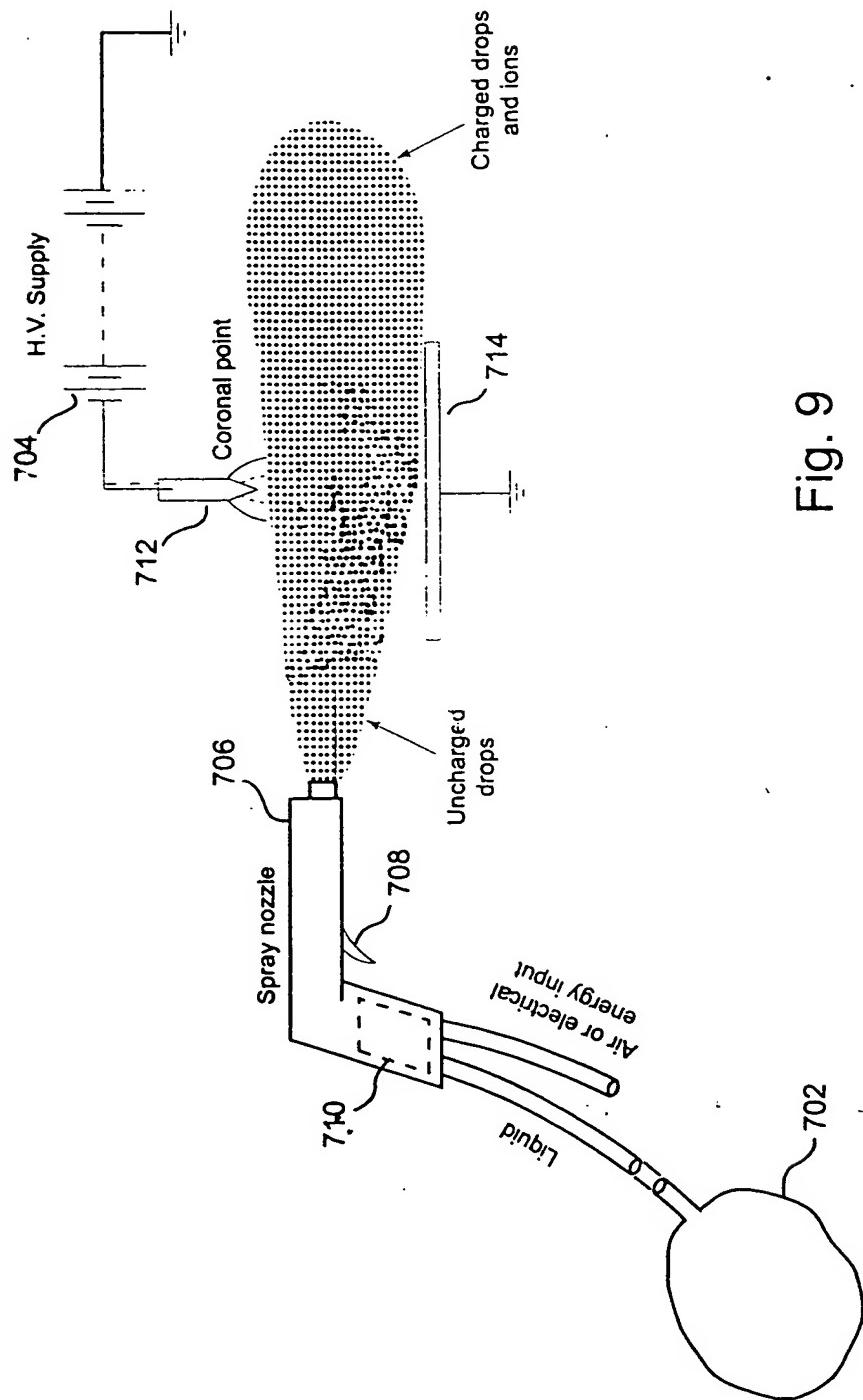


Fig. 9

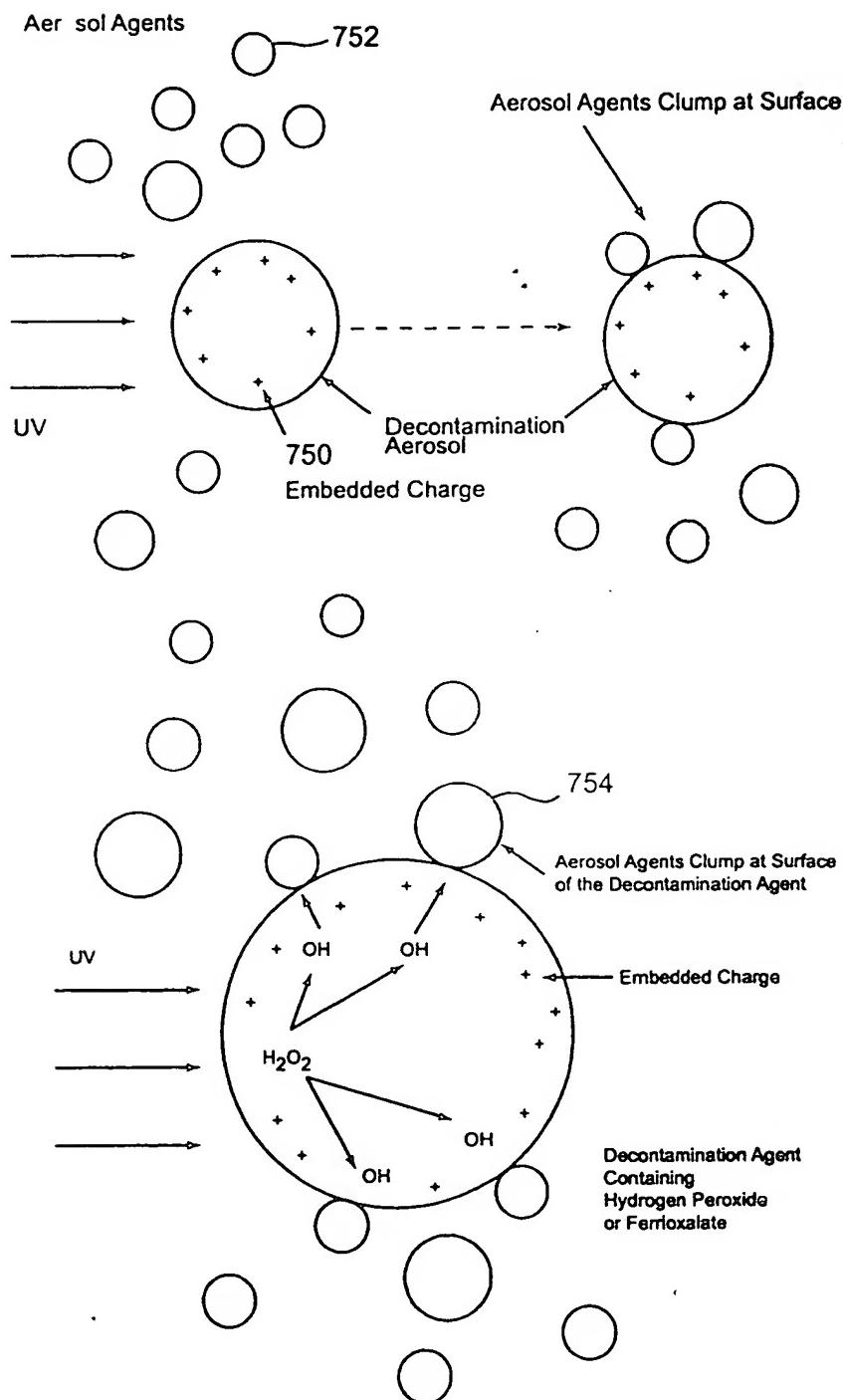
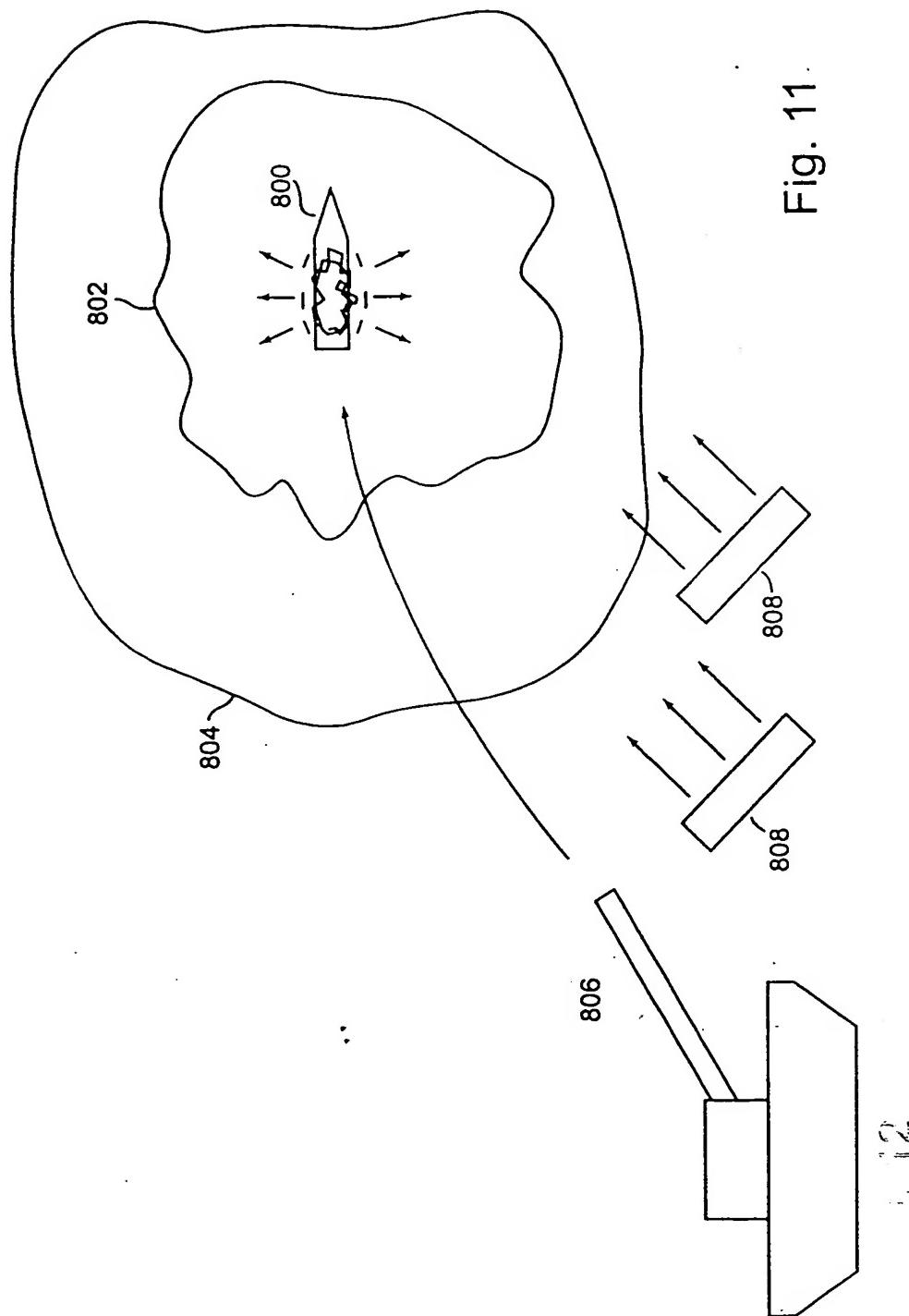


Fig. 10



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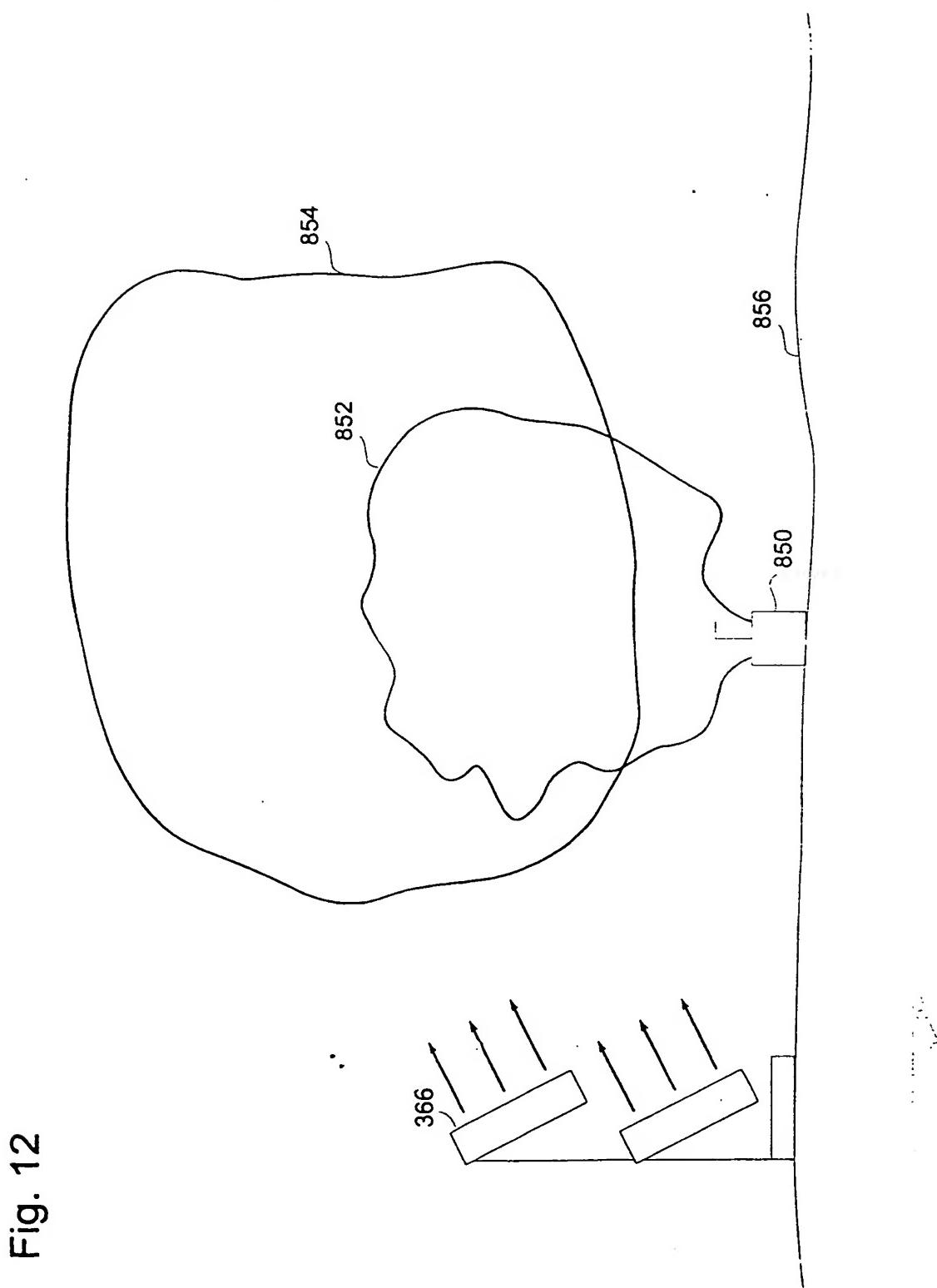


Fig. 12

Inactivation of JC5088 (recA)
in the presence (●) and absence (○)
of 5mM H₂O₂ at various NUV
wavelengths

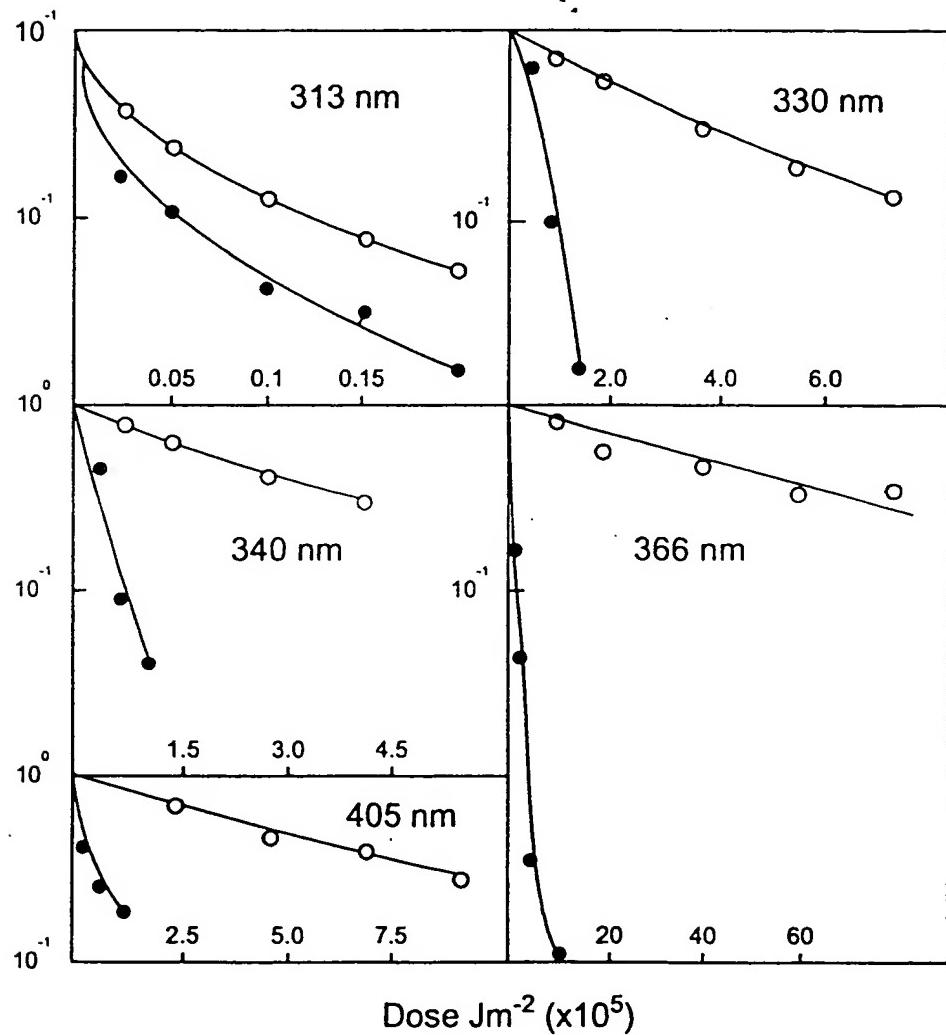


Fig. 13